

INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL
TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant: D.A. Burke Attorney Docket No. WEEI121863
Title: NITROGEN RECOVERY SYSTEM AND METHOD
USING HEATED AIR AS STRIPPING GAS

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
FP	U1	3,642,618	A	02/15/1972	Silva
	U2	4,267,050	A	05/12/1981	Conway et al.
	U3	4,790,944	A	12/13/1988	Gordon et al.
	U4	4,894,162	A	01/16/1990	Cournoyer et al.
	U5	4,900,452	A	02/13/1990	Angles et al.
	U6	4,959,084	A	09/25/1990	Wolverton et al.
	U7	5,015,384	A	05/14/1991	Burke
	U8	5,053,140	A	10/01/1991	Hurst
	U9	5,310,485	A	05/10/1994	Roshanravan
	U10	5,397,461	A	03/14/1995	Augustin
	U11	5,670,047	A	09/23/1997	Burke
	U12	5,670,047	B1	09/07/1999	Burke
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	U14	5,858,768	A	01/12/1999	Bonnin et al.
	U15	5,891,711	A	04/06/1999	Carter
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	U20	6,500,340	B1	12/31/2002	Burke
	U21	2003/0052061	A1	03/20/2003	Burke

FOREIGN PATENT DOCUMENTS

NONE.

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OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
FP	O1	"Ammonia Stripping," <i>Wastewater Technology Fact Sheet</i> , U.S. Environmental Protection Agency, Washington, DC, September 2000, 4 pages.
	O2	"Beginner's Guide to Nitrification/Denitrification Technologies," < http://www.envstudies.brown.edu/Thesis/2002/caton/WWTFpages/WWTFgeneral.htm > [retrieved 2003], 4 pp.
	O3	"Biological Treatment of Gases (Biofilter)," n.d., < http://www.res.titech.ac.jp/~junkan/english/deodorize/ > [retrieved July 16, 2003], pp. 1-3.
	O4	Burke, D.A., <i>Dairy Waste Anaerobic Digestion Handbook: Options for Recovering Beneficial Products From Dairy Manure</i> , Environmental Energy Company, Olympia, Wash., June 2001, 54 pages.
	O5	Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 14, "Gas Absorption," pp. 2-16.
	O6	Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 19, "Gravity Sedimentation Operations," pp. 44-106
	O7	Heitner, H.I., "Flocculating Agents," <i>Kirk-Othmer Concise Encyclopedia of Chemical Technology</i> , 4th ed., John Wiley & Sons, New York, 1999, pp. 869-871.
	O8	Joshi, J.A., et al., "Gaseous Ammonia Removal in Biofilters: Effect of Biofilter Media on Products of Nitrification," Department of Environmental Sciences, Rutgers, State University of New Jersey, at least as early as June 1998, 11 pages.
	O9	Nicolai, R.E., et al., "Biofilter Demonstration Project: Final Report," Biosystems and Agricultural Engineering Department, University of Minnesota, August 13, 1999, 9 pages.
	O10	Nicolai, R.E., "Biofilter Design Information: BAEU-18," <i>Biosystems and Agricultural Engineering Department, University of Minnesota Extension Program</i> , June 1998, < http://www.bae.umn.edu/extens/aeu/baeu18.html > [retrieved December 18, 2001], 10 pages.
	O11	Nicolai, R.E., et al., "Demonstration Biofilter on Dairy and Swine Facilities," <i>Biosystems and Agricultural Engineering Department, University of Minnesota, 2000 Annual Report</i> , February 27, 2001, < http://www.bae.umn.edu/annrpt/2000/research/livestock13.html > [retrieved December 18, 2001], 10 pages.
	O12	Sadowsky, M., et al., "Final Project Report - Biofilter Microbes," University of Minnesota, August 8, 1999, 15 pages.

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Initial No.

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| FP | O13 Schmidt, D., et al., "Biofilters for Odor Control," University of Minnesota Extension Service, 2000, 2 pp. |
| I | O14 "Waste Processing and Resource Recovery (WP&RR)," <i>New Jersey - NASA Specialized Center of Research and Training for Bioregenerative Life Support Monthly Report</i> , July 30, 1998, < http://nj-nscort.rutgers.edu/visitor/rnews/njnscort/Njn-0798.html > [retrieved December 18, 2001], 3 pages. |
| I | O15 Yazar, B., "Flotation," <i>Kirk-Othmer Concise Encyclopedia of Chemical Technology</i> , 4th ed., John Wiley & Sons, New York, 1999, pp. 871-872. |

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Date Considered

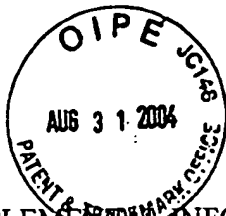
Fred P.

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FIRST SUPPLEMENTAL INFORMATION CITED BY APPLICANT THAT MAY BE
MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant: D.A. Burke Attorney Docket No. WEEI121863
Application No.: 10/826,131 Group Art Unit: 1724
Filed: April 16, 2004
Title: NITROGEN RECOVERY SYSTEM AND METHOD
USING HEATED AIR AS STRIPPING GAS

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
<u>EP</u>	U22	2003/0141244	A1	07/31/2003	Hansen et al.

FOREIGN PATENT DOCUMENTS

None

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

None

Examiner Date Considered
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2nd SUPPLEMENTAL INFORMATION CITED BY APPLICANT THAT MAY BE
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Attorney Docket No. WEEI121863

Application No.: 10/826,131

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U.S. PATENT DOCUMENTS

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	U25	3,772,190	A	11/13/1973	Eisenmann
	U26	3,870,635	A	03/11/1975	Clarke-Pounder
	U27	3,959,131	A	05/25/1976	Ramirez et al.
	U28	4,076,515	A	02/28/1978	Rickard
	U29	4,100,066	A	07/11/1978	Bloomer et al.
	U30	4,510,057	A	04/09/1985	Rowe et al.
	U31	4,559,146	A	12/17/1985	Roets
	U32	4,563,274	A	01/07/1986	Rothon et al.
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*Examiner Cite		Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English	
Initial	No.					Abstract Provided	Translation Provided
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<u>I</u>	F2	JP 60-064684	A	04/13/1985	JP	X	
<u>I</u>	F3	JP 6-71293	A	03/15/1994	JP	X	

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

Date Considered

John P. ...

11/9/05

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